

Journal from

Ship Virginia At

towards

New Orleans

H	K	F	Courses	Winds		Lee-way	Thermometer		Barometer	Remarks	day of	18
				Direction	Force		Air	Water				
1												
2										Finished loading		
3										Draft Forward 18.7 Aft 18.0	3	
4										1070 Casks Tobacco 99 Bales Cotton		
5										10,000 Pieces of Staves		
6										List to port		
7												
8										2 nd Mate and one man		
9										came on board		
10												
11										This day begins with moderate breeze		
12										from N.E. and cloudy		
1										11 A.M. crew came on board cast-off		
2										and proceeded down the river in tow of		
3										steam tug "Harry Wright"		
4												
5												
6												
7												
8												
9												
10												
11												
12												

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
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H	K	F	Courses	Winds		Lee-way	Thermometer		Barometer	Remarks	Friday 26 th day of	Oct	1883
				Direction	Force		Air	Water					
1	4		E by S 1/2 S	NNW						This day begins with fine			
2	4									breeze from NNW and passing			
3	4									clouds			
4	4									A 12 M. South point lighthouse bore			
5	4		ESE							NW 1/2 W dist 12 miles			
6	4									Middle part more moderate			
7	3	1											
8	3	1								Ends with fine breeze from N.E.			
9	3	1								all sail set			
10	3	1											
11	3	1								Pumps Attended			
12	3	1											
1	3												
2	3												
3	3												
4	4												
5	5	1		N.E.									
6	5	1											
7	5	1											
8	5	1											
9	5	1											
10	5	1											
11	5												
12	5												

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					28° 02			67° 19	

Journal from New Orleans to Bremen

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks	Sat 27 th	day of	Oct	1883
				Direction	Force		Air	Water						
1	4		ESE	NE										
2	4													
3	4									Commences with fine breeze from N.E. and passing clouds				
4	4													
5	3	1	SE by E 1/2 E							Middle and latter parts wind more Easterly				
6	3	1								All sail set				
7	4													
8	4													
9	4		South							Pumps Attended				
10	4													
11	4		SE 1/2 S											
12	4													
1	3		SE by S 1/2 S East											
2	3													
3	3													
4	3													
5	3		S 1/2 E											
6	3													
7	3													
8	3													
9	3													
10	3													
11	3													
12	3													

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					26° 54'			86° 34'	

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks	Sunday 28 th	day of	Oct	1883
				Direction	Force		Air	Water						
1	3		NE by N	E by S										
2	3													
3	3									Commences with moderate breeze from ESE and clear				
4	3									12.30 P.M. tacked ship to N.E.				
5	3	1	NE							All sail set				
6	3	1												
7	3	1	NE by E							Pumps Attended				
8	4													
9	3	1	NE by E 1/2 E SE											
10	3	1												
11	3	1												
12	3	1												
1	3													
2	3													
3	3													
4	3													
5	3	1												
6	3	1	SE 1/2 S North											
7	3	1												
8	3	1												
9	4		ENE											
10	4													
11	4													
12	4													

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					27° 24'			86° 06'	

Journal from New Orleans towards Bremen

H	K	F	Courses	Winds		Lee-way	Thermometer		Barometer	Remarks	Monday 29 th day of Oct	1883
				Direction	Force		Air	Water				
1	3	1	NE by E	SE by E								
2	3	1								Beginns with fresh breeze from		
3	3									S.E. and passing clouds		
4	3		NE 1/2 E	ESE						6 P.M. tacked ship to S by E		
5	3											
6	3									12 Midnight tacked to East		
7	3	1	S by E									
8	3	1								Ends with moderate breeze from		
9	3	1	South							south		
10	3											
11	2	1								Pumps Attended		
12	3		East									
1	4											
2	4											
3	4											
4	3											
5	3											
6	3											
7	3											
8	3											
9	2		ESE	South								
10	2											
11	2											
12	2											

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					27 ° 31			85 ° 15	

H	K	F	Courses	Winds		Lee-way	Thermometer		Barometer	Remarks	Tues 30 th day of Oct	1883
				Direction	Force		Air	Water				
1	2	1	E.S.E.	South						This day begins with moderate		
2	2	1								breeze from Southward and cloudy		
3	2	1										
4	2	1										
5	1									Middle part light baffling airs		
6	1											
7		1								Ends with fresh breeze from Northward		
8		1								and passing clouds		
9	0											
10	0											
11	0											
12	0									Pumps Attended		
1	0											
2	0											
3	0											
4	0											
5	0											
6	5		SE 1/2 S	North								
7	5											
8	5											
9	7		NNW	NE								
10	7											
11	7											
12	7											

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					26 ° 50			84 ° 47	

Journal from New Orleans to Bremen

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks	Wednes 31 st day of Oct	1883
				Direction	Force		Air	Water				
1	6		SE 1/2 S	North								
2	6									This day commences with fresh		
3	6		SE by E							breeze from Northward and passing		
4	5									clouds	3 P.M. heavy rain squalls	
5	4									from N.E.	4 do made all sail	
6	4									9 do squally furled mizzen T.Gl - sail		
7	5									and main royal		
8	5											
9	5									Ends with fresh breeze from		
10	4									N.E. and passing clouds		
11	4		SE 1/2 S									
12	3	1								Pumps Attended		
1	3	1	SE by E									
2	3	1										
3	4		SE									
4	4											
5	4											
6	4											
7	4											
8	4											
9	4	1	SE by S									
10	4	1										
11	4	1										
12	4	1										

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					25 ° 08			83 ° 46	

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks	Thurs 1 st day of Nov	1883
				Direction	Force		Air	Water				
1	5		SE 1/2 S	North								
2	5									Commences with a fresh breeze		
3	6	1								from Northward and passing clouds		
4	6	1										
5	6									At 8 P.M. made Tortugas (?) Light from		
6	6									masthead bearing E by N 1/2 N		
7	6									12 Midnight light bore NW 1/2 N dist		
8	6									15 miles light air from East 1 P.M.		
9	6									wind sprung up fresh from eastward		
10	5									and light rain squalls		
11	5									8 A.M. worse ship to NNW continues		
12	0									squally furled T.Gl sails and mizzen topsail		
1	3									12 M wore ship to East		
2	3		SSE	East								
3	3									Pumps Attended		
4	3											
5	3											
6	3											
7	3											
8	3											
9	2	1	NNW	NE								
10	2	1										
11	2	1										
12	2	1										

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					24 ° 12			82 ° 36	

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks	Friday 2 nd day of Nov	1883
				Direction	Force		Air	Water				
1	4		East	NNE								
2	4									Begins with strong breezes		
3	4									from N.N.E. and cloudy increasing		
4	4									to a gale 8 P.M. reefed topsails		
5	4		E by S									
6	4									12 Midnight wore ship to NW		
7	4		E 1/2 N							and furled mainsail		
8	4											
9	3		SE by E							Ends with a gale from NNE and clear		
10	3											
11	3		NW									
12	3											
1	2	1	North							Pumps Attended		
2	2	1										
3	2	1										
4	2	1										
5	3		NW 1/2 W									
6	3											
7	3		NW by N									
8	3											
9	3		E by S									
10	3											
11	3		SE by E									
12	3											

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					24° 11'			81° 30'	

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks	Sat 3 ^d day of Nov	1883
				Direction	Force		Air	Water				
1	3		NW by W	N by E						This day begins with a gale		
2	3									from N.N.E. and clear 2 PM Made		
3	3									Land Key Lighthouse bearing NW by N		
4	3									dist 15 miles 3:30 wore ship 4 do		
5	3	1	E 1/2 N	NNE						lighthouse bore N by W 1/2 W dist 9 miles		
6	3	1								8 do light bore NW 1/2 W		
7	3	1	SE by E									
8	3	1								Middle part gale increasing furled topsails		
9	4									and mainsail 4 AM wore ship and		
10	4		SE 1/2 E							furled jib		
11	4									Ends with heavy gale from N.E.		
12	4											
1	3	1								Pumps Attended		
2	3	1										
3	3	1										
4	3	1										
5	3		NW by W									
6	3											
7	3											
8	3											
9	3		SE 1/2 E									
10	3											
11	2	1										
12	2	1										

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					24:14			80:56	

H	K	F	Courses	Winds		Leeway	Thermometer		Barometer	Remarks	Sunday 4 th day of Nov 1883
				Direction	Force		Air	Water			
1	3		N by E	E by N							
2	3									Begins with a gale from	
3	3	1								E N E and passing clouds 2 P.M.	
4	3	1								made American Shoals Lighthouse	
5	4		E by S							3 do wore ship 6 do lighthouse	
6	4									bore NW 1/2 W dist 17 miles 7 do	
7	4		E S E							furled main topsail and jib	
8	4									12 Midnight wore ship 8:30	
9	3		SE by E							A.M. wore ship made Sombrero (?)	
10	3									lighthouse bearing N.N.E.	
11	3		SE 1/2 S								
12	3										
1	3		North							Latter part more moderate set fore and	
2	3									main topsails and mainsail	
3	3										
4	3									Pumps Attended	
5	3		N by W								
6	3										
7	3		NW by N								
8	3										
9	3	1	E by S								
10	3	1									
11	3	1	SE by E								
12	3	1									

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					24:20			81:16	

H	K	F	Courses	Winds		Leeway	Thermometer		Barometer	Remarks	Monday 5 th day of Nov 1883
				Direction	Force		Air	Water			
1	3	1	N by W	E.N.E.							
2	3	1								Commences with a gale from ENE	
3	3	1								and passing clouds 4 P.M. wore ship	
4	3	1								SE by E Sombrero bearing N.E. dist 8 miles	
5	3	1	ESE							8 do light bore North 11 do lost the light	
6	3	1								bearing NW by N 1/2 N	
7	3	1	SE by E							Middle part squally furled mainsail	
8	3	1								and fore topsail 4 A.M. wore ship 8 do	
9	3	1								wore ship	
10	2	1	SE 1/2 E								
11	2	1								Ends with heavy gale from N.E.	
12	2	1								and squally	
1	2	1									
2	2	1								Pumps Attended	
3	2	1									
4	2	1									
5	2	1	N by W								
6	2	1									
7	2	1									
8	2	1									
9	2	1	SE 1/2 E								
10	2	1									
11	2	1									
12	2	1									

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					24:19			80:40	

Journal from New Orleans to Bremen

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks	Tues 6 th day of Nov 1883
				Direction	Force		Air	Water			
1	3		SE by E	NE by E		3 1/2					
2	3									Begins with a gale from N.E.	
3	3									and squally 12:30 furled jib	
4	3									6 do wore ship to N by W	
5	3										
6	3										
7	3		N by W							At 10 P.M. made Alligator reef light	
8	3									bearing N by W 1/2 W wore ship 12 Midnight	
9	3									lost the light bearing NW by N 1/2 N	
10	3										
11	3		SE 1/2 E							Latter part more moderate set fore	
12	3									and main topsails mainsail & jib	
1	3		SE by E								
2	3									Pumps Attended	
3	3										
4	3										
5	3		ESE	NE							
6	3										
7	3										
8	3										
9	3	1	N by W								
10	3	1									
11	3	1									
12	3	1									

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					24:23			80:06	

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks	Wednes 7 th day of Nov 1883
				Direction	Force		Air	Water			
1	3	1	SE by E	NE by E		2					
2	3	1									
3	3	1								This day begins with a gale from	
4	3	1								NE by E and passing clouds	
5	3	1								7 P.M. furled mainsail 8 do tacked ship	
6	3	1									
7	3	1								Latter part more moderate set	
8	3	1								mainsail turned reefs out of topsails	
9	3	1	North							and set main T.Gl sail	
10	3	1									
11	3	1								Pumps Attended	
12	3	1									
1	3										
2	2	1									
3	2	1									
4	2	1									
5	2	1	N 1/2 E								
6	2	1									
7	3										
8	3	1									
9	4										
10	4										
11	4										
12	4										

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					26:12			79:44	

Journal from New Orleans to Bremen

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks	Thurs 8 th day of Nov 1883
				Direction	Force		Air	Water			
1	4	1	East	NNE							
2	4	1								Begins with a fresh breeze from NNE and clear 8 PM wore ship	
3	4	1	E 1/2 N	NbyE							
4	4	1									
5	3	1									
6	3	1									
7	3	1								Latter part fresh gale from NE by N 12 M made Corysfort (?) Light bearing W 1/2 S	
8	3	1									
9	3	1	NWbyN 1/2 N								
10	3	1									
11	2	1								Pumps Attended	
12	2	1									
1	2	1	NNW								
2	2	1									
3	3	1									
4	3	1									
5	3	1									
6	3	1									
7	3	1									
8	3	1									
9	3	1	N by W								
10	3	1									
11	3	1									
12	3	1									

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
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H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks	Friday 9 th day of Nov 1883
				Direction	Force		Air	Water			
1	4	1	N 1/2 E	E by N							
2	4	1								Begins with a fine breeze from Eastward and clear 2 PM set fore T Gl sail	
3	4	1									
4	4	1									
5	4	1	North								
6	4	1									
7	3	1								At 8 P.M. Jubiten (?) light bore WSW dist 22 miles	
8	3	1	N 1/2 E								
9	3	1								Middle and latter parts light air from ESE and clear	
10	3	1									
11	3	1									
12	4	1									
1	3	1								Pumps Attended	
2	2	1									
3	1	1									
4	1	1									
5	1	1									
6	1	1									
7	1	1									
8	1	1	N by E								
9	1	1									
10	1	1									
11	1	1									
12	1	1									

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					28:23			79:32	

Journal from New Orleans

to

Bremen

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks	Sat 10 th	day of Nov	1883
				Direction	Force		Air	Water					
1	1	1	N by E	SE									
2	1	1								Commences with light air from			
3	1	1								E.S.E. and clear			
4	1	1											
5	2												
6	2												
7	2									Middle and latter parts light variable			
8	2									winds from South to NW			
9	3												
10	3	1											
11	4	1											
12	4	1								Pumps Attended			
1	4		N by E 1/2 E										
2	4												
3	4												
4	2			South									
5	2												
6	2												
7	2												
8	2			NW									
9	3												
10	3												
11	3	1											
12	3	1		SW									

Course	Distance	Diff. of Lat.	Departure	Lat. by A.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by A.R.	Lon. by Ob.
					29:59			78:58	

Courses			Winds		Lee way	Thermometer		Barometer	Remarks	78:58			1883
Direction	Force		Air	Water		Sunday 11 th day of Nov							
1	3		NNE	Baffling									
2	3												
3	3									Begins with light baffling winds and			
4	3									passing clouds			
5	3	1											
6	4	1											
7	5		NE							Middle & latter parts fresh breeze			
8	7		NE by E	SSE						from SSE and clear			
9	7												
10	7												
11	7									Pumps Attended			
12	7												
1	7												
2	7												
3	7												
4	6	1											
5	6	1											
6	6	1											
7	6												
8	6												
9	5												
10	5												
11	5												
12	5												
Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.				
					31:18			76:55					

Journal from New Orleans towards Bremen

H	K	F	Courses	Winds		Lee-way	Thermometer		Barometer	Remarks	Monday 12 th day of Nov	1883
				Direction	Force		Air	Water				
1	4	1	NE by E	South								
2	4	1								Begins with fine breeze from southward and clear		
3	4	1										
4	4	1										
5	4	1										
6	4	1								Middle part wind baffling 8 A.M. hauled to NW blowing a gale shortened sail to lower topsails and foresail		
7	5											
8	5											
9	5											
10	5											
11	4	1		SW								
12	4	1								Pumps Attended		
1	4	1										
2	4	1										
3	4	1										
4	4	1										
5	5											
6	5											
7	5											
8	6											
9	6											
10	6											
11	5	1		NW								
12	5	1										

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					32:47			75:12	

H	K	F	Courses	Winds		Lee-way	Thermometer		Barometer	Remarks	Tues 13 th day of Nov	1883
				Direction	Force		Air	Water				
1	4	1	NE by E	NNW		1 Pt				Commences with a gale from NNW and cloudy		
2	4	1										
3	4											
4	4											
5	4									Middle part more moderate 10 PM reefed main topsail and set it 2 AM		
6	4									set fore topsail jib and main topmast staysail 3 do set mizzen topsail and mainsail 10 do reefs out of topsails and set T. G1 sails		
7	4											
8	4											
9	4		ENE									
10	3											
11	3											
12	3									Pumps Attended		
1	3											
2	3											
3	3											
4	3		E by N			1 1/2						
5	3											
6	3											
7	2	1	East									
8	2	1										
9	2	1										
10	2	1	E by S									
11	2	1										
12	2	1										

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					32:47			73:37	

Journal from New Orleans towards Bremen

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks	Wednesday 14th day of Nov 1883
				Direction	Force		Air	Water			
1	2	1	E by S	variable							
2	2										
3	2		North							Begins with light breeze from N.N.E and passing clouds	
4	2										
5	2										
6	2										
7	3		NE by E	SE						Middle part fine breeze from South - ward and clear continues so through-out the day	
8	4										
9	4										
10	5										
11	6									Pumps Attended	
12	6	1									
1	6	1									
2	6	1									
3	6	1									
4	6	1	SSW	SW							
5	6	1									
6	5	1									
7	5	1									
8	6	1									
9	7										
10	7										
11	7	1									
12	7	1									

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					33: 51			71: 58	

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks	thurs 15th day of Nov 1883
				Direction	Force		Air	Water			
1	8	1	E by N 1/2 N	SW							
2	8	1									
3	9										
4	9									Commences with a strong breeze from SW and cloudy increasing to a gale 6 P.M. furled TGI - sails and reefed topsails furled mainsail	
5	8									11 do wind hauled to North	
6	7	1									
7	5										
8	4	1								2 A M wind N.N.E and rainy furled topsails ends more moderate	
9	4										
10	4									Pumps attended	
11	4										
12	4		E by N	NNE							
1	3										
2	3										
3	3		E 1/2 S								
4	3										
5	3										
6	3										
7	3										
8	3										
9	3										
10	3										
11	3										
12	3										

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
				34:24				70:16	

Journal from New Orleans to Bremen

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks	day of	Nov	1883
				Direction	Force		Air	Water					
1	3		ESE	NE		2 1/2					Friday	16th	
2	3												
3	2									This day comes in with a strong breeze from NNE and cloudy			
4	2									12:30 PM set fore & main topsails			
5	2									jib and spanker 6 do wore ship			
6	2									to ENE wind hauling Southward			
7	2		S.E							and breezing up			
8	2												
9	2		ENE	SE						12 Midnight shortened down to			
10	3									lower topsails 3 AM hove too under			
11	5		E by N							lower main topsail and fore topmast			
12	6									staysail blowing very hard soon after			
1	5									wind shifted to NW			
2	4									6 AM set foretopsail and kept			
3	4									off E by N reefed foresail & set it			
4	2		SSW	West		7 pts							
5	2									Pumps Attended			
6	2												
7	6		E by N										
8	6												
9	6												
10	6												
11	6												
12	6												

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
				34:33				68:43	

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks	day of	Nov	1883
				Direction	Force		Air	Water					
1	6		E by N	NW							Sat	17th	
2	6									Begins with a gale from			
3	6									N.W. and cloudy large sea running			
4	6									ship laboring heavy and shipping			
5	6									large quantities of water on deck			
6	5									Middle part gale moderating			
7	5									wind hauled to North made sail			
8	5									to the breeze			
9	5												
10	5									Ends with fresh breeze from			
11	4									N.E. and cloudy			
12	3									Pumps Attended			
1	3												
2	3		E 1/2 N										
3	3												
4	3		E 1/2 S										
5	3												
6	3												
7	3												
8	3												
9	3												
10	3	1	EbyS 1/2 S										
11	3	1											
12	3	1											
1	3	1											

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
				34:25				66:49	

Journal from

New Orleans

towards

Bremen

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks	Sunday 18th day of Nov 1883
				Direction	Force		Air	Water			
1	3		ESE	NE		2 pts					
2	3									this day commences with fresh	
3	3									breeze from N.E. and cloudy	
4	3									9 PM wore ship to NNE 9AM set main	
5	3		SE by E 1/2 E							sail	
6	3									Ends with fresh breeze from East and cloudy	
7	3										
8	3										
9	3		SE	East						Pumps attended	
10	2	1	NNE								
11	2	1									
12	3										
1	2	1	N by E 1/2 E								
2	2	1									
3	2	1									
4	2		N by E								
5	2										
6	2										
7	3										
8	3										
9	3		N by E 1/2 E								
10	3										
11	3										
12	3										

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
				34:34				66:35	

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks	Monday 19th day of Nov 1883
				Direction	Force		Air	Water			
1	3		NNE	East							
2	3									Begins with fresh breeze from	
3	3									Eastward and cloudy	
4	3										
5	3									Middle part squally 6 P.M. furled main -	
6	2	1								sail	
7	2		NE							Ends with light breeze from Eastward	
8	2									and light rain squalls	
9	2	1	NE by N								
10	2	1									
11	2	1								Pumps Attended	
12	2	1									
1	2	1	NE 1/2 N								
2	2	1									
3	2	1									
4	2	1									
5	2	1	NE by N								
6	2	1									
7	2	1									
8	2	1									
9	2	1	NNE								
10	2	1									
11	2										
12	2										

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
				35:31				66:34	

Journal from New Orleans to Bremen

H	K	F	Courses	Winds		Leeway	Thermometer		Barometer	Remarks	Tues	20th	day of	Nov	1883
				Direction	Force		Air	Water							
1															
2	1		NNE	East											
3	1														
4	2		E by S	NNE						Begins with a light breeze from Eastward and cloudy					
5	3									2 PM Hauled to NNE and continues fresh breeze the rest of the day .6 do turned reefs out of fore & main topsails					
6	3		SE by E												
7	2														
8	2		ESE												
9	2														
10	2		E 1/2 S							Pumps Attended					
11	2														
12	2		E 1/2 N												
13	2														
14	2	1	East												
15	2	1													
16	2	1													
17	2	1													
18	3		EbyS 1/2S												
19	3														
20	3														
21	3	1													
22	3	1													

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
				35:05				65:41	

H	K	F	Courses	Winds		Leeway	Thermometer		Barometer	Remarks	Wednes	21th	day of	Nov	1883
				Direction	Force		Air	Water							
1	3		E by N	NEby N											
2	3									Begins with fresh breeze from N.E. by N and passing clouds					
3	3									Continues so throughout the day					
4	3														
5	3									Signaled a German Barque bound to Falmouth					
6	3														
7	3														
8	3														
9	2		E 1/2 S							Very heavy head sea running ship pitching and laboring heavy					
10	2														
11	2									Pumps Attended					
12	2														
13	3														
14	3														
15	3		E by S												
16	3														
17	3														
18	3														
19	3														
20	3														
21	3														
22	3														

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					34:56			64:20	

Journal from

New Orleans

to

Bremen

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks	Thurs 22 day of Nov	1883
				Direction	Force		Air	Water				
1	3		E 1/2 S	NNE								
2	3											
3	3	1								Throughout this day strong		
4	3	1								breeze from NNE and passing		
5	3	1	East							clouds		
6	3	1										
7	3		E 1/2 S							Pumps Attended		
8	3											
9	3		E by S	NE by N								
10	3											
11	3											
12	3											
1	3		NE by E									
2	3											
3	3											
4	3											
5	3	1	ENE									
6	3											
7	3		E by N									
8	3											
9	3											
10	3											
11	3											
12	3											

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					34:33			62:53	

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks	Friday 23rd day of Nov	1883
				Direction	Force		Air	Water				
1	2	1	ESE	NE		2 1/2 pt						
2	2	1										
3	2	1								Commences with a fresh breeze from		
4	2	1								NE and passing clouds 6 P.M. reefed		
5	2	1	E by S							topsails		
6	2	1										
7	2		E by S 1/2 S							Middle part squally and a very heavy		
8	2									head sea furled mainsail ship laboring		
9	2		ESE							heavy weather continues the same		
10	2									the rest of the day		
11	2	1										
12	2	1								Pumps Attended		
1	2	1										
2	2	1										
3	2											
4	2											
5	2											
6	2											
7	2		SE by E									
8	2											
9	2		SE by S									
10	2											
11	2											
12	2											

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					33:49			62:43	

Journal from

New Orleans

tow

Bremen

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks	Sat 24th day of Nov	1883
				Direction	Force		Air	Water				
1	2		NNE	East		3						
2	2											
3	2									Begins with fresh gale from		
4	2									Eastward and passing clouds		
5	2		NE by N 1/2 S (?)							12.30 P.M. wore ship to NNE		
6	2					5 pts				6 do reefed foresail		
7	2									very heavy head sea ship laboring		
8	2									heavy		
9	1	1	NE							Latter part more moderate		
10	1	1								turned reefs out and set fore		
11	1	1								and main T G1 - sails		
12	1	1										
1	1	1	NE by E							Pumps Attended		
2	1	1										
3	1	1										
4	1	1										
5	1	1	ENE									
6	1	1										
7	2		E by N									
8	2											
9	2											
10	2											
11	2											
12	2											

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					34:31			62:33	

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks	Sunday 25 day of Nov	1883
				Direction	Force		Air	Water				
1	3		E by N	SSE								
2	3									Throughout this day moderate		
3	4									breeze from SSE and passing clouds		
4	4											
5	3									All sail set		
6	3											
7	3		NE	ESE						Pumps Attended		
8	3											
9	3											
10	3											
11	3		ENE	SE								
12	3											
1	3											
2	3											
3	3											
4	3											
5	3											
6	3											
7	3											
8	3											
9	3											
10	3											
11	3											
12	3											

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					34:25			61:23	

Journal from

New Orleans

towards

Bremen

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks
				Direction	Force		Air	Water		
1	2		E by N	SSE		1 1/2 pt				Monday 26 day of Nov 1883
2	2									Commences with fresh
3	1	1								breeze from SSE and clear 4 PM
4	1	1								wind hauled to East
5	1	1	NE by N			1 1/2				
6	1	1								Middle part breeze freshening
7	1									furled T G1 - sails 12 midnight
8	2									reefed topsails 2 A.M. furled main
9	3	1	N by E			2				sail fore & mizzen topsails & jib 4 do
10	3	1								reefed foresail 8 do furled foresail
11	3									and main topsail 10 do lower mizzen
12	3									topsail
1	3									Ends with heavy gale from Eastward
2	3					4				Cloudy very heavy sea ship pitching
3	2	1								and laboring heavy
4	2	1								Pumps Attended
5	2	1	N 1/2 E			6 pts				
6	2	1								
7	2	1								
8	2									
9	2									
10	2									
11	2									
12	2									

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					36:10			61:56	

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks
				Direction	Force		Air	Water		
1	2		NNE	East		4 "				Tues 27th day of Nov 1883
2	2									Throughout this day heavy gale
3	2									beginning at East and gradually
4	2									hauling to Southward ending SE
5	2	1								very heavy sea running ship laboring
6	2	1								heavily (sic)
7	2	1	NE	ESE						Pumps Attended
8	2	1								
9	2	1								
10	2	1								
11	2	1	ENE	SE						
12	2	1								
1	2	1								
2	2	1								
3	2	1								
4	2	1								
5	2	1								
6	2	1								
7	2	1								
8	2	1								
9	2	1								
10	2	1								
11	2	1								
12	2	1								

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					37:08			62:17	

Journal from New Orleans towards Bremen

H	K	F	Courses	Winds		Leeway	Thermometer		Barometer	Remarks	Wednes 28th of Nov	1883
				Direction	Force		Air	Water				
1	2	1	E 1/2 N	SSE								
2	2	1										
3	2	1	East							Begins with a gale from SE and squally		
4	2	1										
5	2	1										
6	2	1								Middle part very heavy squalls		
7	2	1	E by S							12 midnight furled fore topsail and fore topmast staysail		
8	2	1										
9	2	1	ESE	South		4 pts				Latter part wind hauled from South around by west to north		
10	2	1								at times light winds and very heavy rain A very large sea running ship laboring very heavy		
11	2	1	E by S									
12	2	1										
1	2	1				6						
2	2	1										
3	2	1										
4	2	1	ESE	SSW						Pumps Attended		
5	2											
6	1											
7	1											
8	1											
9	1											
10	1		SE	North								
11	1											
12	1											

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
				37:53				61:53	

H	K	F	Courses	Winds		Leeway	Thermometer		Barometer	Remarks	Thurs 29th day of Nov	1883
				Direction	Force		Air	Water				
1	1		ESE	NNE		6 Pts						
2	1											
3	1									Throughout this day heavy gale from northward and a very heavy irregular sea running ship laboring very heavy		
4	1											
5	1	1										
6	1	1										
7	1	1										
8	1	1								Pumps Attended		
9	1	1										
10	1	1										
11	1	1										
12	1	1										
1	1	1	E by S									
2	1	1										
3	1	1										
4	1	1										
5	1	1										
6	1	1										
7	1	1										
8	1	1										
9	1	1	East									
10	1	1										
11	1	1										
12	1	1										

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
				37:20				61:40	

Journal from

New Orleans

towards

Bremen

H	K	F	Courses	Winds		Lee-way	Thermometer		Barometer	Remarks	Friday	30 th day of	Nov	1883
				Direction	Force		Air	Water						
1	1	1	E by S	North										
2	2													
3	3									Begins with a gale from Northward				
4	3									and cloudy 2 P.M. set lower fore &				
5	3	1								mizzen topsails & foresail				
6	3	1												
7	3		E 1/2 S							Middle part wind hauling to Eastward				
8	2													
9	2		E by S											
10	2									Pumps Attended				
11	2		E by S 1/2 S											
12	2													
1	2		SE by E											
2	2													
3	2													
4	2													
5	2		SE by S											
6	2													
7	2		N 1/2 E											
8	2													
9	2		N by E											
10	2													
11	2													
12	2													

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					36:48			61:38	

H	K	F	Courses	Winds		Lee-way	Thermometer		Barometer	Remarks	Sat 1 st	day of	Dec	1883
				Direction	Force		Air	Water						
1	2	1	NNE	E by S		5 Pts								
2	2	1												
3	2	1								This day commences with a gale from				
4	2	1								ESE and cloudy gale increasing				
5	2	1	NE by S							4 PM furled foresail 6 do mizzen top-				
6	2	1								sail 7 do fore topsail				
7	2	1								Middle part gale still increasing Barometer				
8	2		NNE	East						29:10 blowing a Hurricane furled weather				
9	2									side of main topsail and fore topmast				
10	2									staysail wind hauling to East				
11	2		N by E											
12	2									Ends with the wind NNE blowing furiously				
1	2		N by W							Very heavy sea running from East				
2	2									Pumps Attended				
3	2													
4	2													
5	2													
6	2		NNW											
7	2													
8	2													
9	2		NW											
10	2													
11	2													
12	2													

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
				36:54				62:32	

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks	Sunday 2nd day of Dec	1883
				Direction	Force		Air	Water				
1	2		NW by W 1/2 W	N by E	5 Pts							
2	2									Continues the same 6 PM wind		
3	2									North and a little more moderate		
4	2									10 do set main topsail and fore		
5	2		WNW							topmast staysail and wore ship		
6	2									to ENE 4 A.M. wind NW		
7	2		W by N							set fore topsail and kept off E 1/2 S		
8	2											
9	2									Latter part moderating fast made		
10	2									sail accordingly a very large sea		
11	1	1	ENE	North						running from N.E.		
12	1	1										
1	1		NE by E							Pumps Attended		
2	1											
3	1											
4	1											
5	1			NW								
6	2		E 1/2 S									
7	2											
8	3											
9	3											
10	3											
11	4											
12	4											

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					39:08			62:15	

H	K	F	Courses	Winds		Lee way	Thermometer		Barometer	Remarks	Monday 3rd day of Dec	1883
				Direction	Force		Air	Water				
1	3	1	E by S	WNW								
2	3	1										
3	4									This day begins with moderate		
4	4									breeze from westward and cloudy		
5	4	1								6 P.M. wind hauling to WSW		
6	4	1								Barometer falling rapidly took in		
7	4	1								main top G1-sail reefed topsails and		
8	4									foresail 7 P.M. wind S.W. and squally		
9	4									Barometer 29:65 and falling furled		
10	4									upper fore & main topsail and lower		
11	2	1	SE by E	SW	5 pts					mizzen topsail 8 do hard gale furled		
12	2	1								foresail 10 do violent squalls with		
1	2	1								heavy rain Lightning at the N.W.		
2	2	1								Barometer 29:50 furled lower fore topsail		
3	3		SW by S							Middle part 12 midnight took in fore		
4	3									topmast staysail and weather side		
5	2	1	SW							of lower main topsail Ship lying on		
6	2	1								Starboard tack heading to S.E.		
7	2	1								Barometer fallen to 29:45 gale increasing		
8	2	1								with terrific squalls 1.30 Barometer 29:30		
9	2	1								perfect Hurricane one continual roar sharp		
10	2	1								lightning at NW 2:30 Barometer 29:15 wind		
11	2	1								shifted to NW in a terrific squall accompanied with		
12	2	1								hail rain and very sharp lightning		
1	2	1								very high sea running ship rolling and laboring		
2	2	1										

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
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H	K	F	Courses	Winds		Lee-way	Thermometer		Barometer	Remarks	day of
				Direction	Force		Air	Water			
1			heavily and shipping much water on deck to leeward -- Ship								
2			falling off the wind and not lying to the wind suspected something								
3			must be wrong with the rudder on looking over the stem found								
4			it to be swaying nearly amidships with the tiller nearly								
5			hard down ship falling off in the trough of the sea and rolling								
6			fearfully and shipping heavy sea on deck to leeward ----								
7			Got a 5 inch warp (?) bent (on) to the rudder chain outside and								
8			took it through the midship Cavil(?) pipe and hove it taught								
9			with the main capstam set weather side of main topsail								
10			and fore topmast staysail gale still flowing with great fury								
11			10 A.M. moderating Barometer rising Ship lying better								
12											
1			Pumps attended ship making a great deal								
2			more water men at the pumps nearly all the time								
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											

Course	Distance	Diff. of Lat.	Departure	Lat. by A.C.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by A.C.	Lon. by Ob.
				39:18				60:45	

H	K	F	Courses	Winds		Lee-way	Thermometer		Barometer	Remarks	Tues 4th	day of	Dec	1883
				Direction	Force		Air	Water						
1	2		SW by W	NW		5 Pts.								
2	2									This day begins with fresh gale from				
3	2									NW very high sea running ship rolling				
4	2									heavily to leeward and lurching badly				
5	2									cut a hole through the rudder trunk				
6	2									in the half deck and found the rudder				
7	2									stock was split badly wind and sea moderating				
8	2									find the ship has a very heavy list				
9	2									to port and making much more				
10	3									water than usual also upon examination				
11	3									of ship about decks find the water ways and				
12	2									covering boards started also deck burst up				
1	2		WSW							on port side abaft the fore rigging stantions started				
2	2									and scarfs (?) in main rail hauled				
3	2									apart on both sides of the ship forward and				
4	2									aft Both houses forward and aft badly wrenched				
5	2									the whole top of the ship having the appearance				
6	2									of being settled over to leeward the ship having				
7	2									a very heavy list since the gale so much that				
8	2									we cannot use the main pump and have to keep				
9	2									the weather bilge pump constantly going considering				
10	2									it not safe to proceed further on the voyage with				
11	2									the ship in such a condition we kept away south				
12	4		S by W 1/2 W							for fine weather and the nearest port available				
										Pumping steady for 14 hours before we got a suck				

Course	Distance	Diff. of Lat.	Departure	Lat. by A.C.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by A.C.	Lon. by Ob.
				38:31				60:25	

H	K	F	Courses	Winds		Leeway	Thermometer		Barometer	Remarks
				Direction	Force		Air	Water		
Wednes 5th day of Dec 1883										
1	6		S by W 1/2 W	NW						
2	6									Begins with a gale from NW
3	6									and squally turned reef out of
4	6									foresail and set upper main
5	6									topsail reefed ship steering wild
6	6									and shipping much water on deck
7	6									upon examination of ship aloft
8	6									found the main topmast trestle trees
9	6									broken down main topsail yard sprung
10	6									fore cap all to pieces and fore topmast
11	5									badly chaffed in the cap
12	5									Middle part more moderate set upper fore
1	4									topsail reefed jib and main topmast stay
2	4	1								sail
3	4	1								Latter part moderating fast and
4	4	1								hauling to westward with fine weather
5	4	1								
6	4	1								Pumps carefully attened every half hour
7	4	1								
8	3	1								
9	3	1								
10	3	1								
11	2	1								
12	2									

Course		Distance	Diff of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
						36:32			60:29	
H	K	F	Courses	Winds		Leeway	Thermometer		Barometer	Remarks
				Direction	Force		Air	Water		
Thurs 6th day of Dec 1883										
1	2		South	WSW						This day comes in with light breeze from westward and cloudy around the western horison (sic) later commences hauling to the SW and breezing up 5 P.M. furled T.Gl sails & outter jib 6 do mizzen topsail 8 do reefed topsails and furled main sail 2 A.M. furled fore & main topsails 8 A.M. blowing a strong fale from S.W. and squally reefed foresail & furled it 10 do furled mizzen top sail took rudder chain to capstan and hove it taught
2		1								
3	4		SE by S	SW						
4	5									
5	5		SSE							
6	5									
7	4									
8	4									
9	4		S 1/2 E							
10	4									
11	4									
12	4									
1	4		S by E							Pumps attended every half hour in fact do nothing else but pump
2	4									
3	4									
4	4									
5	3									
6	3									
7	3									
8	3									
9	3		S by E 1/2 E							
10	3									
11	3									
12	3									
</										

Journal from New Orleans towards Bremen

H	K	F	Courses	Winds		Lee-way	Thermometer		Barometer	Remarks
				Direction	Force		Air	Water		
1	1	1	South	WSW						Friday 7th day of Dec 1883
2	1	1								
3	1		SW							Commences with a gale from WSW
4	2		SSW							and rainy 12:30 P.M. furled lower fore
5	2									topsail 1:30 P.M. wind shifted to NW
6	1									3 do set lower fore topsail and kept off
7	1		SW							SSW again 9 do wind hauled to North
8	3		SSW							and Commenced breezing
9	5									Middle and latter parts heavy gale from
10	6									North and squally very high sea running
11	7									Shipping a good deal of water on deck
12	7									Pumps Attended
1	7									
2	7									
3	7									
4	7									
5	7									
6	7									
7	7									
8	7									
9	7									
10	7									
11	7									
12	7		S by W							

Course	Distance	Diff of Lat	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.	
					33:40			59:18		
H	K	F	Courses	Winds		Lee-way	Thermometer		Barometer	Remarks
				Direction	Force		Air	Water		
1	7		S by W	North						Sat 8th day of Dec 1883 Begins with a gale from Northward and squally middle part wind hauling to westward squally & frequent lightning 10:30 AM wore ship Ends with light breeze from S.E. Pumps carefully Attended Making more water than usual
2	7									
3	7									
4	7									
5	6									
6	6									
7	6									
8	6									
9	6			NW						
10	6			WNW						
11	5									
12	5			West						
1	5									
2	4									
3	4									
4	2									
5	2		SSE	SW						
6	2									
7	1	1								
8	1	1	SE							
9	1	1								
10	1	1								
11	1	1								
12	1	1								

Journal from New Orleans towards Bremen

H	K	F	Courses	Winds		Leeway	Thermometer		Barometer	Remarks	Sunday 9th day of Dec	18
				Direction	Force		Air	Water				
1	1	1	SW by S	SE						This day begins with moderate breeze from S.E. and clear 2 P.M. set upper topsails and jib 4 do reef out fore sail 6 do reefs out of topsails and set flying jib to keep her off she carrying the helm hard up all the time breeze freshening 10 P. M. furled flying jib spanker and mizzen topsail 11:30 do fore & main topsails 12 Midnight reefed foresail 12:30 A.M. furled lower mizzen topsail very heavy squalls from N.E. could not steer the ship her course which was S by W She lay South most of the time sometimes came up to S.E. tiller of rudder hard to port all the middle watch took the starboard rudder chain to the capstan and hove ittaught and made it fast Peterson at the wheel Ends with moderate breeze from Eastward set foresail lower mizzen topsail spanker & main topmast staysail		
2	1	1										
3	2											
4	2											
5	2		SSW									
6	3											
7	3		S by W	East								
8	4											
9	5											
10	5											
11	6											
12	6											
1	6											
2	7		South	ENE								
3	7											
4	7											
5	6		S by W									
6	5											
7	3		SW									
8	3											
9	2		WSW									
10	2											
11	2		SW									
12	2											
										Pumps Attended		

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					30:38			59:20	

H	K	F	Courses	Winds		Leeway	Thermometer		Barometer	Remarks	Monday 10th day of Dec	18
				Direction	Force		Air	Water				
1	3	1	S 1/2 W	East								
2	3	1								Begins with moderate breeze from		
3	4									Eastward and cloudy		
4	4									Large sea running from Eastward		
5	4			E by N								
6	4									Latter part light breeze from		
7	4									SE by S made sail to whole topsails		
8	4									and courses		
9	4											
10	4											
11	4									Ship making a good deal of water		
12	4									pump carefully Attended		
1	4											
2	3											
3	2											
4	2		SW	SSE								
5	2											
6	1											
7	2											
8	2		SW by S	SE by S								
9	2											
10	3											
11	3											
12	3											

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					29:28			59:32	

Journal from New Orleans to Bremen

H	K	F	Courses	Winds		Lee-way	Thermometer		Barometer	Remarks	Tues 11th	day of Dec	1883
				Direction	Force		Air	Water					
1	2		SW by S	S.E									
2	2												
3	2									Begin with light air from S.E			
4	2									and clear heavy swell from Eastward			
5	2												
6	2									Middle part calm			
7	1		SSW										
8	1									4 A.M. light air from NW			
9	0												
10	0												
11	0									Ship making a good dea of water			
12	0									about all the time at the pumps			
1	0												
2	0												
3	0												
4	1		S by E	NW									
5	1	1											
6	2												
7	2												
8	2	1											
9	2	1											
10	2	1											
11	2	1											
12	2	1											

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					28:59			59:34	

H	K	F	Courses	Winds		Lee-way	Thermometer		Barometer	Remarks	Wednes 12	day of Dec	1883
				Direction	Force		Air	Water					
1	3		S by E	NW									
2	3												
3	3									Commences with light breeze			
4	3									from NW and clear			
5	3												
6	3									Middle part wind commenced			
7	3									hauling to Eastward around by North			
8	3									ending the day with fine breeze from			
9	3									Eastward			
10	3												
11	3	1											
12	3	1								Pumps Attended			
1	4												
2	5			North									
3	5												
4	5			NE									
5	5												
6	5												
7	5												
8	5												
9	5												
10	3	1		ESE									
11	3	1											
12	3	1											

Course	Distance	Diff. of Lat.	Departure	Lat. by D.R.	Lat. by Ob.	Variation	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
					27:34			59:42	